

## REDUCED RATES

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ne lottowing olsolson, Kidney

MINING NEWS

Commonwealth Extension Becomes Producer Month After Organization.

Bisbee, Ariz., June 18 .- The Common wealth Extension Mining company, recently organized by Bisbee capital, has struck ore. The finding of ore is one of the quickest on record, it being concountered in paying amounts just 31 days after the first spadeful of earth was taken out. The ore body was encountered at 120 feet and is a part of the body that is being worked by the Cammonwealth mine, 150 feet from the Extension life. The shaft would have been down sconer had it not been that a delay was caused while waiting for necessary parts, but as it is an average of seven feet per day has been made. All the way down to the present level where ore was calcountered the management from stringers that came into the shaft and determined the continuance of the highly mineralized conditions recognized on the old Commonwealth property. At 158 feet there came into the shaft a seam of ore that looked more like the real thing than anything previously encountered. It kept setting better until at the 126 level, it entirely filled the north side of one comparisoned in a few months, they will are sent the shaft and arising smelter at 120 level, it entirely filled the north side of one comparisoned in a few months, they will are sent the shaft and the cleaning cut of the water and 800 foot levels will thus be brought under active development. Each of these levels has already made good showing and their working is expected to result in excellent ore finds and increased shipments. The directors' meeting of the company, at which dividend agains will be taken up will be held on the 30th of this month. In the matter of lead-silver shipments the company is now awaiting the lor warring of a new contract from the EI Paso smelter. The new contract will give better terms than heretofore and it is expected that around 100 tons per day will be shipped. This will return an average of \$12 net, or something like \$4455,600 per year, which are producer. Is regarded as pure "velvet" Besides this the ore shipments to the Calumet and Arisona smelter at Douglas will gradually be increased and interest of the same and their working it and 500 foot levels will be t struck ore. The finding of ore is one of

ment of the shaft, It has now been determined that the working is about 130 feet across the line of the extension. The Common-wealth ore in the incline above indi-cates dips to the south and east, direct

Steam Shovel Mining. Sacramento hill continues to show ore in both smelting and concentrating grade close to the surface which indicates that in due time it will be found (casible to steam shovel that great deposit. Other large bodies of ore have been located close to the surface and the cheapness with which the steam shovel method of production can be carried on assures that this method will be employed in the Warren district in a short time.

Comment on the lowering of cost of

otil the expiration of the option pe-od. Oct. 1. The Ajos ore body is sub-et to steam shoveling with practical-no over burden to remove, while the ea will be amendable to the leaching recess, through which copper is now ling recovered direct from the orea is a cost of a centa per pound at

With the large numbers of miners the district, approximately 2600, ich number has been showing a

which number has been showing a stendy increase for months, it is believed that, with the opening of the Calumet and Arizona smelter at Douglas, even a larger and quicker increase in miners employed in the Warren district will be shown.

The increased operations of the Calumet and Arizona and Shattack properties, which are directly affected, and the further increase in Copper Queen work necessitated by the increasing of that company's smelter extensions, will mining men estimate, make the total number of miners employed here well over the thousand mark in another 18 months. Sesides the sineller increase there is the strong probability of concentrator construction and

To Work on Every Level.

Shattuck-Arlsona will be working on its every level before the end of the month. They are now in the 200, with new development driving toward location of the big lime crystal cave found on the 300 some weeks ago. The pump is ready to be lowered to the 900 foot level and the cleaning out of the water here will soon be taken preparatory to development work. The 2, 3, 4, 5, 6, 7, 8 and 900 foot levels will thus be brought under active development. Each of these levels has already made good showing and their working is expected to result in excellent ore finds and

the El Paso smelter. The new contract will give better terms than heretofore and it is expected that around 100 tons per day will be shipped. This will return an average of \$12 net, or something like \$455,000 per year, which as the Shattuck is essentially a comper producer. In regarded as pure "vet," Besides this the ere shipments to the Calumet and Arizona smelter at Douglas will gradually be increased until in a few months, they will average 500 tons a day.

Improved Methods Shown, Nowhere is the improved methods in amelting shown more clearly than in the work now being carried on by the Copper Queen at the old slag dump. Here hundreds of tons of what, a few years ago, was considered waste slag, was dumped. This slag was tested and found to run 12 percent and better in copper and the Queen has been busy shipping it to the smeller. The slag working is cheaper and surer than in

eded, the work can be carried on at needed, the work can be carried on an arrand rate.
General auditor Paull, of the Calumet and Arizona, and Cole-Ryan holdings, was a business visitor.
C. S. Schuitz, superintendent of the Palorias mines near Nacozari, is a vis-

Palorias mines neer Nacozari, is a visitor here.

C. Fritshie, of the Mexican Metals company, is here. He reports that the work on the survey of the Merals property is going along satisfactorily. Charles Holquist formerly chief rechange of the Caumet and Arzona shops, is in the city from Los Angoles. Parker Woodman, of the Commonwealth extension, spent a I w days in Bisbee on his way to the property at Pearce.

MINING NEWS

Ore: High Graders Make a Rich Strike.

Douglas, Ariz. June 18 .- W. L. Ryperson has secured another year's ex-tension on his lease on the Lil Tembles nine, 15 miles east of Ed Tigre, the date

which he is leasing from the Moetrau-ma Copper company. The workings on the 300 foot level encountered a 15 foot chute of high grade ore, carrying native and born silver as well as free gold

After having his force employed for everal months burning sufficient char-oal to keep his smelter running indeficoal to keep his smelter running indefinitely, superintendent George B. Squire,
of the Mina Mexico, situated between
Tonicial and Sahuaripa, is preparing to
reopen the 85 ton plant in the pear future. The work of burning charcoal
was begun shortly after the receipt of
fuel for the smelter over the Southern
Pacific line at Tonichi coased. The
15 ton concentrating plant has been operated constantly and a large quantity
of concentrates await smelting. The
ground has been proving up excellently
with depth, the aliver-copper values in
the ore increasing as the workings are
sent down. About 150 men are employed in all departments. The mine
has never ceased operations, despite the
troublous times in Mexico.

President's Report Shows Mining Cost Slightly Inereased During Year.

Cananea, Mexico, June 18.—The Can-anea Consolidated Copper company is operating at present at a little over-half capacity, four furnaces and two converters at the smelter being in use, besides the reverberatory furnaces. One section of the concentrator is in

operation.

The annual report of president L. D. Rickets shows that it cost the company \$2.92 to mine a ton of ore during 1912 compares with \$2.46 the year previous. This is accounted for in the fact that low grade ores were mined during the year ingressed developduring the year, increased develop-ment work and the fact that the gen-eral expenses were charged to operat-ing instead of to copper direct as in the past. During the year there were 72,463 feet of development work done, of which 1392 feet were shafts, 15,-283 raises and winnes and the balance drifts.

Exports through the port of Agua 691,390 peros compared with April

To Resume Operations.

By the first of the week the Calumet & Sonora expects to be again in operation. It has been practically idle for over a month, due to the strike in the El Paso smeller, which handles its lead concentrates. Operations will be resumed at almost operation.

A small concentrator is mon to be estalled at the Del Pilar mine, located Comment on the lowering of cost of production in the district has been current in the east of late, but the importance attached is nowhere near the mark that steam shovel mining and the extraction of concentrating codes by both the Calumet and Arizona and Copper Queen will a little later justify. Along this line the method of top sile and eaving, which has been taken up by the Calumet and Arizona and hiter the Copper Queen has prayed highly satisfactory and this surface work is sure to be a foregunner of the steam shovel method.

Will be Taken Over, Calumet and Arizona and the Arizona and the Arizona and the Arizona and the steam shovel method.

Will be Taken Over, Calumet and Arizona counsitions in the district has been taken upon General manager John C. Greenway and Chester A. Congdon, of the control of the downstraint of the Arizona acquisitions in the district has been taken upon General manager John C. Greenway and Chester A. Congdon, of the control of the downstraint of the Arizona acquisitions in the city from Los Angeles. Otherway in the city from Los Angeles. Parker Woodman, of the Common wealth extension, spent a r-w days in Pearce.

To Withstand the Depressing Effect of the Heat GROVES TASTELESS chill TONIC on the steam shovel method.

To Withstand the Depressing Effect of the Heat GROVES TASTELESS chill TONIC on the steam shovel method and builds up the them.

GROVES TASTELESS chill TONIC on the manager of the property is now superintendent. The mean age of one car a week is being maintained. The mean age of the Cananage of the MINING NEWS

Already Has Uncovered Rich | With the Exception of Main Tunnel, Inspiration Consolidated Is Active.

> Miami, Ariz, June 18.-At the Inspiration Consolidated the idleness enforced in the main transportation tunnel by the Keystone suit has had no effect upon any other portion of the workings. The usual rate of work is being maintained in the blocking out of the Colorado ore body, which will be worked by the caving system being employed at the Ray Consolidated, affering from that used by the Miamic Copper. At the Live Oak, section of the mine an Aldrich vertical triplex electric pump is being installed. It will have a lift of 1790 feet.
>
> Work at the mill site and on the railroad grade between the mine and mill site is proceeding rapidly and the grading for the crushers at the Main East and West Shafts is almost combe worked by the caving system being

mental concentrator of seven tons capacity, recently erocted by Rynerson, has attained such good by Rynerson, has been the Rynerson and the Southern Pacific Control of the Ryner of Although high grader are usually a westlifty German resident of Necosari, on his Red Top mine, five miles southened for a time, which went of that camp. The property has been lying falle for some time, unit good the such good of a fault, whose protence was not a fault, whose in the fault, and we have a fault, whose in the fault of th

New Shaft to Be Sunk.

Elaborate Tests at Hayden. nd gases, will cover a period of bout 60 days, being half finished to ate. Superior & Boston Repairs.

Superior & Boston Repairs.

At the Superior & Boston the shipments have been temporarily delayed by the imperative necessity for repairs, including work on the shaft and laying of turn-sheets, etc. The supply of railroad cars is normal again and the S. & R. will experience no difficulty in shipping three carloads of ore daily, as soon as the repairing is finished, two or three days hence. The pump has been installed on the 1000-foot level. One extraction continues in the east and west drifts of the 850-foot level both faces continuing in excellent copper ore.

Arizona Commercial Development. Arthona Commercial, the Copper Hill shaft is finished for all present purpose of development at a dopth of 1700 feet. The Aldrich vertical triplex electric pump to be installed should arrive within a few days. Drifting from the bettom levels of the shaft is beginning.

Vice president J. Parke Channing of the Mami Copper Co., has returned

the Minmi Copper Co., has returned from a trip to the Cumpas district, Sonora, Mexico. Superintendent R. R. Boyd of the

Superintendent R. R. Boyd of the Arinona Commercial is in California.

Magma May Have Railrond.

The Magma mine's last shipment of free netted the company about \$15,000, a record price for a carlond of copper ore. The ere at present shipped from this mine is almost a pure chalcocite. It averages well above \$9 per cent copper and contains some sliver. There are persistent rumars here to the effect that a railrond branch will be built from the main line of the Southern Pacific at Florence, 20 miles from Superior, but nothing can be learned from railrond or mine officials. However, the costly construction of an electric transmission line heing built here from Roosevelt, through Miami, and the fact that the great richness of the ore shipped from the Magma, makes it almost certain that only the richest ore body is being extracted until instalation of a milliand concentration of a larger ore extracted until instalation of the electric line makes operation of a milliand concentration of a larger ore extracted until instalation of the electric line makes operation of a milliand concentration of a farger ore extracted until instalation of the concentration of a larger ore extracted with include a railroad from Plorence. The Gunn & Thompson people continue their policy of refusing all information concerning the Magma, with exception of giving out the returns from ore shipments, and refuse to allow anyone to enter the mine.

The Calumet & Arizona is working steadily at the ground it has bonded from Dange, Thompson and Newman, south of the Magma. The development work at present consists of a shaft and tunnel. The shaft at present is nearing a depth of 480 feet and the tunnel has passed the 986-foot mark. na Commercial is in California. Manma May Have Railroad.

shaft and tunnel. The shaft at present is nearing a depth of 480 feet and the tunnel has passed the 900-foot mark. Both the shaft and tunnel are below or west of the ledge, which lies higher up the mountain. The tunnel is being driven eastward to serve us a working adit and will serve to some extent as an exploration integer of the mines work. It passes to the north of the shaft at a distance of about 200 feet from the shaft by a drift driven from a point 180 feet below the collar of the latter.

The Queen group, adjoining the Calumet & Arizona ground on the south, has been held for some time ander option by the Copper Queen (Phelps Fodge) interests, but option as expired without the company tak-ng any action. An option on the round was immediately secured by ther parties who had been waiting for the Copper Queen's option to ex-pire. The names of the last people to secure temporary control of the ground have not yet been made pub-

Auto Truck Service Change. The auto truck service between Su-perior and other parts of the Pioneer CAPITAL

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## Problems

sometimes arise for the individual Executor to decide quickly, and then he is obliged to engage counsel. When the Union Bank & Trust Company acts as Executor, the estate is spared this and many other expenses, and the commissions are the same, as regulated by law. See us about this important matter.

4% PAID ON SAVINGS DEPOSITS

Stringer in Ghost Tunnel Carries \$20 Gold to Toni Kny Company
Slaks New Shaft.

Phoenix, Ariz., June 18.—Several shipments of good ore have been made from Hot Springs Junction to Douglas. One shipment was ten tons from the Ghost claim of the Buffalo-Arizona company. Some time age a rich stringer came into a tunnel being driven on the ghost. The stringer has now widened out to four inches of quarts carrying nearly \$50 a ton in gold. Other shipments are to be made soon.

oon. Dan Ainsworth is preparing to mak

Hay Consolidated and the A. S. & the ore body.

The tests, which include fine

Eases, will cover a period of concentrates will be made from the consentrates will be made from the classifier foregan for the company, has been placed in the capacity left to the contentrate will be made from the classifier foregan for the company, has been placed in the capacity left vacant by Mr. Dresser's resignation.

consolidated Copper company has started work on hying a pipe line for the purpose of pumping back the water from the present tail race near town to the mill. The problem of water is becoming a very grave proposition with the mill officials and it is hoped to be able to get sufficient water from the unit race to keep the mill going until the completion of No. 2 well. Two large wells now supply the mill with water and the third will be completed within a few days. If the continued dry spell keeps up, Ray Consolidated officials might the big concentrator at Hurley busy day and night.

From reports received here, it will not be a great while before the work on the big tunnel that is to connect the Phelps-Dodge mines at Leopold with the Chemung at Tyrone will be completed, and then work will be completed and then work will

# STOP LISTEN

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The concentrates carry some silver as well as tungsten.

RAY CON. SHORT OF

WATER AT ITS MILL

Hayden, Ariz, June 18.—The Bay Consolidated Copper company has started work on laying a pipe line for the purpose of pumping back the water from the present tail race near mother agreement the present tail race near mother agreement with mining operations at Santa Rita and everything there is becoming, with the big concentrator at Hurley busy day and night.

From reports received here, it will not be a great while before the work

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gives brightness to the eye, springiness system with its wonderful influence your to the step, activity to the stomach and nervous troubles, your wan, weary, faddigestion, and that ought to make you ed, listless, lifeless body will revive and feel keen, allve and thrilled with the become so renewed with the sense of sensation of nervous and muscular en- enjoyable health you will scarcely know ergy. And you can realize all of these yourself. Try S. S. S. today. Get a bottle joyful experiences by a short use of that at any drug store. It will drive out the wonderful bracing medicine so familiar "blues," put you on your feet; keep you

to a host of people as S. S. S. brain; animates the tired, weary mus-cles; and arouses your blood to throw. It is just what you need. S.S.S. is out of the system all those poisonous prepared in the great laboratory of Atgerms and acids that cause eczems, lants, Ga and if you are troubled with lupus, psoriasis, acne, pimples, boils, tet- any stubborn blood disease their medical keep people half sick and make their Write them,

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ter and those scrofulous taints which dept. will guide you safely to health.

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People suffering from insidious, slowly but surely progressing diseases are apt to postpone seeking treatment from day to day, not realizing that the dangerous disease plants its roots deeper and deeper into the enfeebled system, robbing the body of its best forces.

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